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(71) Applicant (for all designated States except US):  
**NANYANG TECHNOLOGICAL UNIVERSITY**  
[SG/SG]; 50 Nanyang Avenue, Singapore 639798 (SG).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **OOI, Kim Tiow**

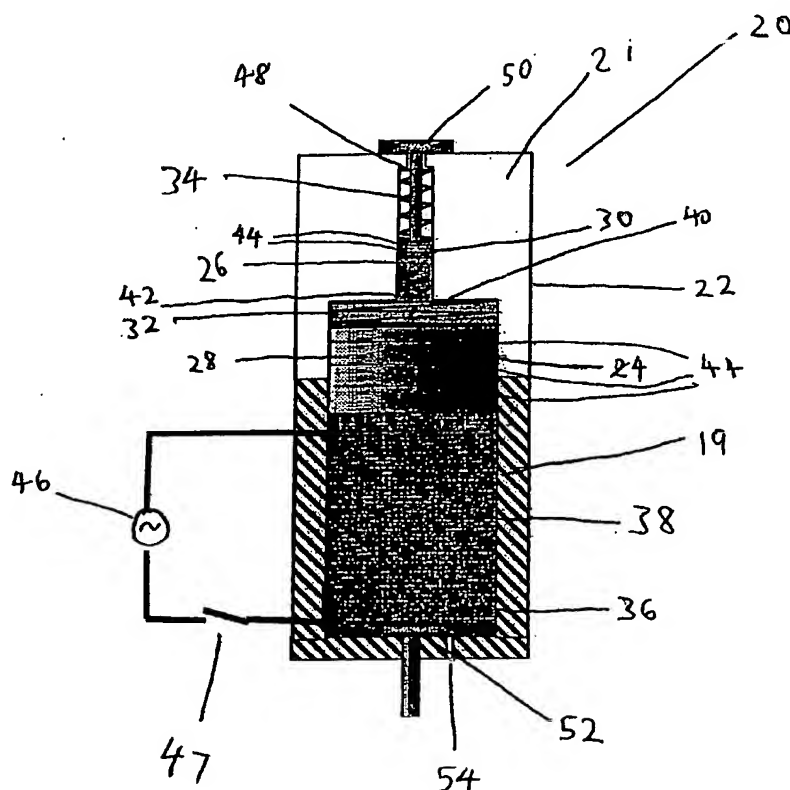
[MY/SG]; 50 Nanyang Avenue, Singapore 639798 (SG).  
**YANG, Chun** [CA/SG]; 50 Nanyang Avenue, Singapore  
639798 (SG). **WONG, Teck Neng** [SG/SG]; 50 Nanyang  
Avenue, Singapore 639798 (SG). **HUANG, Xiaoyang**  
[SG/SG]; 50 Nanyang Avenue, Singapore 639798 (SG).  
**MARCOS** [ID/SG]; 50 Nanyang Avenue, Singapore  
639798 (SG). **KANG, Yuejun** [CN/SG]; 50 Nanyang  
Avenue, Singapore 639798 (SG).

(74) Agent: **ALBAN TAY MAHTANI & DE SILVA**; 39  
Robinson Road #07-01 Robinson Point, Singapore 068911  
(SG).

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(54) Title: A METHOD OF ACTUATING AND AN ACTUATOR



(57) Abstract: A method of  
actuating, comprising: filling  
at least a portion of a tube (21)  
with a liquid (19) containing  
electrolytes, the tube (21)  
having an inner surface that  
is electrically chargeable when  
in contact with the liquid (19);  
positioning an object (28) in  
fluid communication with the  
liquid in the tube; and applying  
an electrical field (46) along a  
lengthwise axis across the tube  
at said portion for producing  
a pressure in the liquid. The  
pressure in the liquid exerts  
a force on the object so as to  
actuate the object (28, 30). An  
actuator (20) is also disclosed.

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